



**DEPARTMENT OF THE NAVY**  
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MARINE CORPS ORDER 3500.109

From: Commandant of the Marine Corps  
To: Distribution List

Subj: MARINE CORPS AVIATION WEAPONS AND TACTICS TRAINING PROGRAM  
(SHORT TITLE: WTTP)

Ref: (a) MAWTS-1 WTI Planning Conference Results (NOTAL)  
(b) MAWTS-1 WTI Table of Organization (NOTAL)  
(c) MCO P1900.16F (NOTAL)  
(d) NAVMC 3500.14  
(e) MAWTS-1 Course Catalogs (NOTAL)  
(f) OPNAVINST 3710.7T  
(g) OPNAVINST 3750.6R  
(h) MCO 3500.32  
(i) MCO P5102.1B  
(j) MCO 3570.1B  
(k) MAWTS-1 WTI Planning Guide (NOTAL)  
(l) MAWTS-1 Academic Support Package (NOTAL)  
(m) MCO 3502.3A  
(n) MCO P1610.7E

Encl: (1) Weapons and Tactics Instructor (WTI) Course  
(2) Supplementary Courses of Instruction

1. Situation. The WTTP was initiated on 5 May 1976 to increase the combat readiness of aviation units. Marine Aviation Weapons and Tactics Squadron 1 (MAWTS-1) was commissioned on 1 June 1978 at Marine Corps Air Station (MCAS) Yuma, AZ to implement the WTTP. This Order provides policy and assigns responsibilities for execution of the WTTP.

2. Mission. The mission of MAWTS-1 is to provide standardized advanced tactical training and certification of unit instructor qualifications that support Marine Aviation Training and Readiness (T&R). MAWTS-1 accomplishes this by conducting the twice-annual Weapons and Tactics Course as directed in enclosure (1) as well as Supplementary Courses of Instruction as directed in enclosure (2). MAWTS-1 also provides assistance in the development and employment of aviation weapons and tactics.

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### 3. Execution

#### a. Commander's Intent and Concept of Operations

(1) Commander's Intent. The primary responsibility of Marine commanders is combat readiness. The WTTP supports individual and unit combat readiness by tasking MAWTS-1 to train officer and enlisted instructors to manage unit aviation training programs, develop aviation supplementary courses of instruction, standardize unit instructor certification programs, and develop and distribute academic courseware that supports the 200, 300, and 400 phases of the Marine Aviation T&R Program. Commanders shall utilize all available resources to ensure their commands are trained per the current editions of appropriate Aviation T&R manuals and this Order.

(2) Concept of Operations. The Commanding Officer (CO) MAWTS-1 shall administer and manage the WTTP and is charged with the responsibility of conducting the Weapons and Tactics Instructor (WTI) Course and developing supplementary courses of instruction and instructor certification programs that support the Marine Aviation T&R Program.

b. Coordinating Instructions. Submit all recommendations concerning this Order to the CO, MAWTS-1 via the appropriate chain of command.

4. Administration and Logistics. WTTP implementation requires assignment of the following responsibilities and subordinate element mission:

a. Deputy Commandant for Manpower and Reserve Affairs (DC M&RA). DC M&RA shall not normally assign officer and enlisted Marines Permanent Change of Station/Permanent Change of Assignment (PCS/PCA) orders for 12-18 months upon successful graduation from the WTI Course.

b. Deputy Commandant for Aviation (DC AVN). DC AVN is the MAWTS-1 Training System resource advocate for "Green Dollar" Operations and Maintenance, Marine Corps (O&MMC) funds. DC AVN will receive program requirements from MAWTS-1 and oversee them through the Program Objective Memorandum and Budgeting process. The Marine Corps Federation lead at Naval Air Systems Command (NAVAIRSYSCOM) PMA-205 is the MAWTS-1 program acquisition manager and will allocate funds in accordance with Aviation Weapons Requirements Branch guidance and MAWTS-1 requirements.

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c. Commander, Marine Forces Pacific (COMMARFORPAC); Commander, Marine Forces Command (COMMARFORCOM); and Commander, Marine Forces Reserve (COMMARFORRES). COMMARFORPAC, COMMARFORCOM, and COMMARFORRES shall provide sufficient resources to support the WTTP.

(1) COMMARFORPAC shall resource MAWTS-1 Operation & Maintenance, Navy (O&MN) requirements and assign the Commanding General, 1st Marine Aircraft Wing (MAW) (CG 1st MAW) and CG, 3d MAW responsibility for MAWTS-1 aircrew flight minimums.

(2) COMMARFORCOM shall assign the CG, 2d MAW responsibility for MAWTS-1 EA-6B aircrew flight minimums.

d. CG, Training and Education Command (TECOM). The TECOM Aviation Training Branch (ATB) will coordinate all WTTP and T&R initiatives within TECOM for CO, MAWTS-1, and provide funding for TAD expenses for Marine Corps officer and enlisted graduates receiving a secondary MOS upon completion of WTI.

e. CG, Marine Air Ground Task Force Training Command (MAGTFTC)

(1) Exercise administrative control (ADCON) and operational control (OPCON) over MAWTS-1.

(2) Provide budget, accounting, reporting system, and technical guidance in managing annual appropriations and miscellaneous funding documents for MAWTS-1.

f. CGs of MAWs, Marine Divisions (MARDIVs), and Marine Logistics Groups (MLGs). As directed by respective MARFOR commanders, major subordinate commands with WTI Course students or support requirements shall provide aircraft, personnel, and equipment augmentation as published in references (a) and (b).

g. Marine Corps Installations West (MCI WEST). MCI WEST shall provide administrative support and facilities to MAWTS-1. MAWTS-1 facilities, billeting and workspaces used in support of the WTI Course are under the cognizance of the CO, MCAS Yuma. The CO, MCAS Yuma is responsible for planning, reviewing, and budgeting for MAWTS-1 facility maintenance, upgrades, and improvements.

h. COs of Marine Aircraft Groups (MAGs), Marine Air Control Groups (MACGs), and Marine Wing Support Groups (MWSGs). MAG, MACG and MWSG Commanders shall:

(1) Provide oversight of officer and enlisted Prospective WTI (PWTI) nominations. Nominees shall have an absolute minimum of 18 months time on station remaining upon graduation from the WTI Course. PWTI nominees on active duty must be notified that acceptance of

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orders to the WTI Course incurs an active duty obligation of 24 months upon graduation from the course per reference (c).

(2) Provide oversight of unit instructor qualifications. Instructor qualifications shall be balanced with unit needs and mission requirements. Instructor qualifications in excess of those depicted in this Order and references (d) and (e) shall be requested in writing by the squadron CO and approved by the group CO.

(3) Ensure that each squadron in your Group has MAWTS-1 trained WTIs in the PTO/WTO billet.

i. CO, MAWTS-1. CO MAWTS-1 shall:

(1) Conduct two resident WTI courses annually.

(2) Train officer and enlisted WTIs as requested by Marine Force units. Enclosure (1) outlines recommended officer/enlisted WTI requirements to support unit training and operational deployments.

(3) Prior to each WTI Course, convene planning and Table of Organization (T/O) conferences to assign aircraft, personnel, and equipment responsibilities that support Marine Forces PWTI nominations.

(4) Assume OPCON of all units, equipment and aircraft supporting the WTI Course. Assume OPCON of all personnel filling a WTI line number upon arrival at MCAS Yuma, including MCAS Yuma tenant command personnel per reference (b).

(5) Assume ADCON of all Marine Corps personnel filling a WTI line number upon arrival at MCAS Yuma per reference (b). MCAS Yuma tenant commands filling WTI line numbers will retain ADCON of both their personnel and personnel attached to their units for the WTI Course per reference (b).

(6) Serve as the fund administrator for planning, forecasting, and budgeting all unit funding requirements. Submit the MAWTS-1 budget, requests for budget increases, and requests for short term/one time only funding increases to MAGTFMTC for O&MMC and to COMMARFORPAC for O&MN requirements.

(7) Schedule and operate assigned WTI aircraft and aircrews per applicable directives. Ensure MAWTS-1 Aviation and Ground Safety Programs are maintained and rigidly enforced, and the principles of Operational Risk Management (ORM) are utilized for all WTI flight and ground operations per references (f) thru (j).

(8) Conduct aviation and ground safety courses during each WTI class to teach unit training officers the tenets of Risk Management and familiarize them with the Risk Management tools available.

(9) Publish a course catalog for each aviation community containing all supplementary courses of instruction and instructor certification requirements per enclosure (2).

(10) Conduct instructor certifications when requested per references (d) and (e). Within personnel constraints, provide instructor certifications and unit training for deployed squadrons.

(11) Submit a semi-annual authorized to fly message notifying MAW G-3s of the aircraft MAWTS-1 instructors are qualified to fly.

(12) Ensure periodic liaison visits are made to all Marine Corps aviation and aviation ground units to conduct appropriate supplementary courses of instruction and provide new information on Marine Corps, Joint, and threat weapons and tactics developments, and assist unit WTIs in maintaining unit training programs.

(13) Provide representation at aviation conferences, Operational Advisory Groups, and other meetings of a tactical nature concerning aviation weapons and tactics.

(14) Serve as the syllabus sponsor for all aviation T&R manuals as outlined in reference (d). Ensure T&R conferences are conducted triennially in accordance with reference (d) or as desired by operating force units.

(15) Maintain an Aviation Development, Tactics and Evaluation Department to execute Tactical Development and Evaluation projects and Qualitative Assessments on behalf of Marine Aviation.

(16) Maintain liaison with the Tactical Training and Exercise Control Group through MAGTF TC to ensure WTI Course and Combined Arms/Mojave Viper Exercise aviation Tactics, Techniques and Procedures and lessons learned are shared.

(17) Assist with the development and editing of Marine Corps aviation doctrinal publications. Provide subject matter expert (SME) review of Marine Corps and Joint doctrinal publications and orders relating to or incorporating aviation weapons and tactics.

(18) Maintain an aviation training system that supports mission planning and academics requirements for courses taught at MAWTS-1, communications with operational forces, and delivery of courseware supporting the 200, 300, and 400 phases of the aviation T&R manuals to fleet forces, both ashore and afloat.

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(19) Publish and distribute Marine Corps aviation weapons and tactics newsletters covering WTI Course lessons learned, individual community contingency and deployment lessons learned, and instructor standardization updates.

(20) Maintain liaison with the U.S. Navy, U.S. Air Force, U.S. Army, Special Operations Command, and other military or technical organizations, including foreign services, to ensure that aviation tactics and courses of instruction are current and appropriate.

(21) Provide MAWTS-1 instructors, when requested, to assist squadrons/units in preparing for Marine Corps Combat Readiness Evaluation System (MCCRES), Marine Expeditionary Unit (Special Operations Capable) (MEU(SOC)) exercise, and/or Collective Training Standards (CTS) evaluations. MAWTS-1 instructors may act as advisors to evaluators but are prohibited from serving as evaluators (to include CTS evaluations; MAWTS-1 Instructors may help a unit prepare for CTS evaluations, but they shall not be the evaluators).

j. Squadron/Unit CO. COs shall:

(1) Ensure a professionally managed WTTP is conducted that supports the unit's Mission, Mission Essential Task List and T&R syllabus.

(2) Nominate qualified officer and enlisted PWTIs for the MAWTS-1 WTI Course per reference (k) and this Order.

(3) Assign officer/enlisted WTIs to each unit WTI T/O billet, ensuring continuity in these billets. Particular attention shall be paid to ensure that the squadron and detachment PTO/WTO billets are manned by a MAWTS-1 trained WTI.

(4) Select candidates for unit instructor certifications per reference (e) and appropriate Aviation T&R manuals. The number of instructors produced within a command shall be strictly controlled and must significantly increase a unit's ability to train for combat. Instructor qualifications in excess of those authorized per reference (d) shall be requested in writing to the Group CO.

(5) Authorize MAWTS-1 officer aircrew to act as Pilot in Command and Mission Commanders provided they are current and proficient in their model aircraft when requested for instructor certifications or unit training support.



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k. WTI. WTIs shall:

(1) As the unit's training officer, develop and execute a unit training program in accordance with the WTTP that supports the CO's training guidance. Training includes individual T&R training and collective operational unit training.

(2) Serve as the unit SME for mission planning, briefing/debriefing, threat systems, and unit weapons system employment. Be responsible for the planning and integration of the unit's mission in support of MAGTF and Joint tasking.

(3) Recommend the most qualified personnel for nomination to the WTI Course and unit instructor qualifications. Ensure unit instructor candidates are operationally and administratively prepared prior to requesting MAWTS-1 certification flights per references (e) and (1), and appropriate Aviation T&R manuals.

(4) Ensure all training conducted under your supervision adheres to established training standards, safety, and ORM procedures per references (d) and (f) thru (h).

5. Command and Signal

a. Command. This Order is applicable to the Marine Corps Total Force.

b. Signal. This Order is effective on the date signed.



R. S. KRAMLICH

Director, Marine Corps Staff

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## WEAPONS AND TACTICS INSTRUCTOR (WTI) COURSE

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1000. GENERAL. CO MAWTS-1 is charged with the responsibility of conducting the semiannual WTI Course. Direct liaison at all Marine Corps levels of command is authorized for course planning, execution, and evaluation. Direct liaison with organizations and units from other U.S. Armed Services for purposes of entering into agreements establishing or modifying standards which are applicable to those services is authorized.

1001. WTI COURSE OVERVIEW. The WTI Course emphasizes integrated training between all facets of aviation, aviation ground support and supporting arms working within the Marine Air Command and Control System (MACCS) while in support of a MAGTF and Joint scheme of maneuver. The WTI Course will consist of 7 weeks of instruction broken into an academic and flight phase. The objective is to train instructors who are not only weapons and tactics subject matter experts, but who are also skilled in the operational integration of the six functions of Marine Aviation and can act as the focal point for second, third and fourth tier T&R unit training, planning and execution. During the course, students refine their instructional skills and demonstrate the ability to plan and execute complex tactical evolutions while incorporating risk management concepts. In addition to aviation training, academic and integrated planning for ground combat arms students shall be provided.

1. MAWTS-1 will present both friendly and enemy combat capabilities and detailed study of enemy weapons and tactics based on current intelligence and combat lessons learned.
2. Training management is an important aspect of the WTI academic curriculum. Classes in the development and use of training media and techniques of instruction will provide each WTI the knowledge and experience necessary to manage and conduct a training program in their unit. MAWTS-1 will also present instruction on MCCRES/CTS training management and ensure each WTI is familiar with references (d) and (e).
3. The WTI course will also include aviation and ground Tactical Risk Mitigation courses which will teach PWTIs risk management concepts, basic human factors, leadership and basic aerodynamic concepts.
4. WTI Course Embedded Curriculum. The following courses of instruction shall be embedded within the WTI Course. The MAWTS-1 Course Catalogs provide a full course description and reference (k) establishes course prerequisites.

(a) Senior Watch Officers (SWO) Course. The SWO course is designed to familiarize senior officers (colonel/lieutenant colonel) with the agencies and equipment used to command and control Marine Aviation.

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(b) ACE Battlestaff Officers Course (ABOC). ABOC is designed to train Naval Aviators (NA), Naval Flight Officers (NFO), and C3 officers and Marines on Air Tasking Order (ATO) development utilizing the Theater Battle Management Core System (TBMCS) and functioning as rotary and fixed wing frag officers in the Tactical Air Command Center (TACC).

(c) Air Officer Course (AOC). AOC is designed to train officers in or slated to be Division, Regiment or MEU Air Officers in Air Officer responsibilities per MCWP 3-16 and graduate level TACP procedures. Air Officers (AOs) will complete 300 and 400 level TACP T&R syllabus events that they normally are unable to achieve in the current Expeditionary Warfare Training Group Atlantic (EWTGLANT) and Pacific (EWTGPAC) training syllabi and Marine Corps Operating Forces.

1002. OFFICER/ENLISTED WTI REQUIREMENTS. The intent of the WTTP is to ensure that aviation units maintain an absolute minimum of one officer/enlisted WTI per MOS to manage the units aviation training program. Units shall ensure proper turnover and continuity in these WTI billets. Additionally, given unique deployment requirements (e.g., Unit Deployment Program (UDP) and MEU(SOC) per reference (m)), units should maintain sufficient numbers of WTIs to support these operational deployment requirements. Considering the above factors, the required number of officer and enlisted WTIs in each unit are listed in Table 1.

1003. PWTI PREREQUISITES. WTI Course prerequisites are necessarily stringent due to the graduate level training nature of the course. Reference (k) outlines specific MOS qualifications prerequisites and Naval Aviation Training and Operational Procedures System (NATOPS) requirements. The following minimum flight hour requirements are also established:

1. NA nominees shall have 500 flight hours in type. KC-130 NA nominees shall have 700 flight hours in type.
2. NFO nominees shall have 400 flight hours in type.
3. Rotary Wing Crew Chief nominees shall have 400 flight hours in type.
4. KC-130 Aerial Navigators/Systems Operators shall have 1500 hours in type; Loadmasters shall have 2000 flight hours in type.

1004. PWTI NOMINATIONS. WTI Course student nominations will be submitted by major subordinate command (MSC) G-3s to CO, MAWTS-1; CG, MAGTFCTC and CG, TECOM (ATB) per reference (k).

1005. PWTI WAIVERS. Waiver of WTI Course prerequisites shall be avoided. When situations exist where course prerequisites cannot be

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met, waivers may be requested through the appropriate MSC G-3s and will be considered on a case-by-case basis by CO, MAWTS-1.

Unit	Officer
MAG (RW / FW)	1
MACG	1
MWSG	1
VMM	2
VMFA	1
VMFA (AW)	1 Pilot/1 WSO
VMA	2
VMAQ	1 Pilot/2 ECMO
VMGR	2
HMM	2
HMH (D)	2
HMH (E)	3
HMLA (AH)	3
HMLA (UH)	3
MTACS	2
MACS (TAOC)	2
MACS (ATC)	2
LAAD	2
MASS	2
MWCS	2
VMU	1
MWSS	1
Unit	Enlisted
VMGR FE	2
VMGR LM	2
VMGR NAV	2
VMM CC	2
HMM CC	2
HMH (D) CC	1
HMH (E) CC	2
HMLA CC	2
MTACS	2
MACS (TAOC)	2
MACS (MMT)	2
LAAD (LET)	4
MASS	2
VMU	2

Table 1

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1006. ADMINISTRATION

1. WTI T/O. MAWTS-1 shall publish and distribute reference (b). The WTI T/O assigns line number tasking to supporting commands. Unit commanders will screen all personnel prior to assigning them to fill WTI Course T/O support billets and ensure they are physically qualified, free of pending disciplinary action, and meet all prerequisites (rank and designations) for the billet assigned. Marines who are on limited duty or are otherwise restricted from performing all duties associated with their MOS or assigned billet will not be assigned to support WTI Courses. Direct liaison in regards to administrative matters is authorized between the CO MAWTS-1 and WTI Course supporting units.

2. Fitness Reports. To/From Temporary Duty (TD/FD) fitness reports are not required for personnel attending/supporting the WTI Course. Parent commands should indicate periods of non-availability over 30 days in the next regular fitness report per reference (n).

3. WTI Course Completion School Code. Marine graduates are authorized a school code of P2A upon completion of the WTI Course. Parent commands are responsible for entering the school code into the Marine Corps Total Force System (MCTFS).

4. Marine Corps WTI Secondary MOS Assignment. The following Marine WTI Course graduates are granted a secondary MOS: NA/NFO - 7577; MACCS Officers and Staff NCOs - 7277; Weather Officer - 6877;, and Rotary Wing Crew Chiefs - 6177. MAWTS-1 shall forward the list within 10 working days after WTI Course completion. MMOA/MMEA enters the secondary MOS into MCTFS. Officers and enlisted who attend the WTI Course with approved waivers will have the XX77 MOS withheld until all waived prerequisites are complete. Units will forward waiver completions via naval message to CO MAWTS-1.

1007. WTI COURSE FLIGHT APPROVAL. During the WTI Course flight phase, MAWTS-1 instructors and PWTIs are authorized to perform flight related duties aboard any command's aircraft in which they are NATOPS qualified. MAWTS-1 Instructor cross community flight operations are encouraged on a not-to interfere basis. Cross-community flights will be approved on a case-by-case basis by the CO MAWTS-1.

1008. LOGISTICS AND FISCAL

1. Each MSC shall provide funding for Transportation of Things (TOT), Transportation of Personnel (TOP), and related per diem expenses for subordinate units supporting WTI Courses. Supporting units shall plan and provide transportation of personnel, aircraft, and support equipment to and from MAWTS-1 in support of all WTPP related courses. MAWTS-1 will assist and coordinate the return of personnel and equipment from MCAS Yuma to their respective commands.

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2. Costs incurred in support of WTI, including TOT, TOP, TAD, repairables, Petroleum/Oils/Lubricants (POL) and other consumables, will be borne by supporting ground and aviation units. MAWTS-1 provides funding for ground fuel, billeting, Bills of Material (BOM), and field support contracts for ground operations in direct support of WTI per references (a) and (b).

#### 1009. SAFETY REPORTING

1. Aviation. In the event of an aircraft/unmanned aerial vehicle (UAV) mishap during the WTI Course, the aircraft reporting custodian retains responsibility for the investigation and mishap reporting. Because of the probable geographic separation of the reporting custodian from the aircraft, MAWTS-1 shall be responsible for the initiation of all investigations and reports as required per reference (g). Formal shifting of responsibility from MAWTS-1 to the reporting custodian for conducting the safety investigation shall be contained in paragraph 7 of the Mishap Data Report (MDR). Once the reporting custodian has assumed responsibility of the investigation, MAWTS-1 shall be included as information addressee and in the endorsing chain for all reports (e.g. Safety Investigation Report (SIR) and JAGMAN Investigation). CO, MAWTS-1 is accountable for all aircraft/UAV WTI Course mishaps with respect to safety award and mishap free flight hour accounting vice the reporting custodian.

2. Ground. In the event of a WTI ground mishap, the CO, MAWTS-1, who has OPCON over WTI personnel, is responsible for investigating and submitting the Safety Report (SAFEREP) per reference (i). In situations where the Marine's parent command is better suited to conduct the investigation, the CO, MAWTS-1 will request a change in investigating responsibility through CMC (SD). MAWTS-1 will be included in the endorsing chain of the SAFEREP and JAGMAN investigation.

1010. AIRCRAFT MAINTENANCE. Planning, organization, and coordination of the overall maintenance process will be accomplished by the MAWTS-1 Aircraft Maintenance Officer. Maintenance and support personnel assignments will be allocated based on PWTI nominations. Maintenance personnel densities required to support the WTI Course shall be developed by MAWTS-1 to resemble operational realities within constraints necessary to safely conduct operations. MAWTS-1 will promulgate numbers and grade/MOS requirements, as well as reporting schedules and procedures per reference (b). All personnel waiver requests must be coordinated through the requesting MSC and MAWTS-1. If aircraft or equipment status degrades to a point that course objectives cannot be met, replacement aircraft will be provided as requested by MAWTS-1.

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1011. WTI COURSE IMPROVEMENT. The experience and knowledge gained during each WTI class must be fully utilized to improve the follow-on course. A student course critique shall be scheduled immediately prior to WTI graduation to afford each student the opportunity to comment on both the academic and flight phases of the course. MAWTS-1 personnel shall continually review and update the WTI Course content to ensure that current threat, weapons and updated Marine Forces Tactics, Techniques and Procedure are incorporated.

1012. WTI COURSE AFTER ACTION. CO, MAWTS-1 shall provide CG, TECOM, via CG, MAGTFCTC, a WTI Course after action report. The report will include the WTI graduation roster, WTI Tactical Summary of Observations, status of Tactical Development and Evaluation projects and MAWTS-1 Qualitative Assessments. The report will also highlight any WTI administrative, operational, maintenance, or safety issues.

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## SUPPLEMENTARY COURSES OF INSTRUCTION

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2000. SUPPLEMENTARY COURSES OF INSTRUCTION. The Course Catalogs outline the WTI Course, supplementary courses of instruction, and the instructor certification processes for specific aviation community designations. These courses of instruction and certifications are required to support tactical training conducted per the appropriate Aviation T&R Manuals. Supplementary courses of instruction and instructor programs provide requisite knowledge for all stages of training. Instructor certification and re-certification courses outline the process of preparing and certifying an individual for a specific aviation designation. The Academic Support Package produced by MAWTS-1 contains academic material to support all courses listed in the Course Catalogs. Supplementary courses outside the WTI Course include:

1. MAWTS-1 Commanders Course. Designed to update group and squadron commanding/executive officers on current aviation tactics, threat and individual/unit training issues.

2. Marine Division Tactics Course (MDTC). Designed to provide FA-18/AV-8 aircrew and Marine Air Intercept Controllers (AIC) with ground and airborne instruction in the doctrine, tactics, and weapons employment considerations for division employment in a complex threat environment.

3. Aviation Ground Support (AGS) Course. Designed to provide AGS Reserve Officers and enlisted Marines the opportunity to receive instruction in the capabilities of the Marine Wing Support Squadron (MWSS), and the role of the MWSS in supporting the six functions of Marine Aviation.

4. Air Command and Control Officer Course. Designed to provide Marine Air Command and Control Squadron (MACCS) refresher training to Marine field grade officers returning for duty to the Marine Air Control Group (MACG).

2001. INSTRUCTOR CERTIFICATIONS. MAWTS-1 instructor certification authority and criteria are contained in this Order and references (d) and (e). Every prospective instructor shall meet these criteria prior to certification. Upon completion of certification criteria, the squadron/unit commander is authorized to designate the individual as an instructor. All designations shall be in writing and shall be recorded in the individual's NATOPS Qualification Jacket, MOS Training Jacket, and pilot logbook (as applicable). Instructor courses include:

1. Low Altitude Tactics Instructor (LATI) Course.

2. Terrain Flight Instructor (TERFI) Course.

3. Night Systems Instructor (NSI) Course.

4. Night Systems LATI (NSLATI) Course

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5. Night Systems Search and Rescue Instructor (NSSRI) Course.
5. Night Systems Familiarization Instructor (NSFI)
6. Forward Air Controller (Airborne) Instructor (FAC(A)I) Course.
7. Air Combat Tactics Instructor (ACTI) Course.
8. Defensive Tactics Instructor (DEFTACI) Course.
9. Defensive Measures Instructor (DMI) Course.
10. Defensive Air Combat Maneuvers Instructor (DACMI) Course.
11. Weapons Training Officer (WTO) Course.
12. Electronic Warfare Training Officer (EWTO) Course.
13. Aerial Gunner Instructor (AGI) Course.
14. Tail Gunner Instructor (TGI) Course.
15. Air Intercept Controller Instructor (AICI) Course.

2002. UNIT INSTRUCTOR TRAINING. The type and number of instructor designations for each unit is a unit commander's prerogative. However, the requirement should be tailored to an informed assessment of training management objectives and unit requirements. It is not the intent of the WTP to certify more instructors than a unit requires for training. Instructors are responsible for conducting standardized training and ensuring strict adherence to published safety procedures. Commanders should carefully screen and select only those personnel with the highest level of professionalism and skills for instructor designations. Commanders wishing to have more instructors than set forth in this document and references (d) and (e) shall make their request in writing to the Group CO.